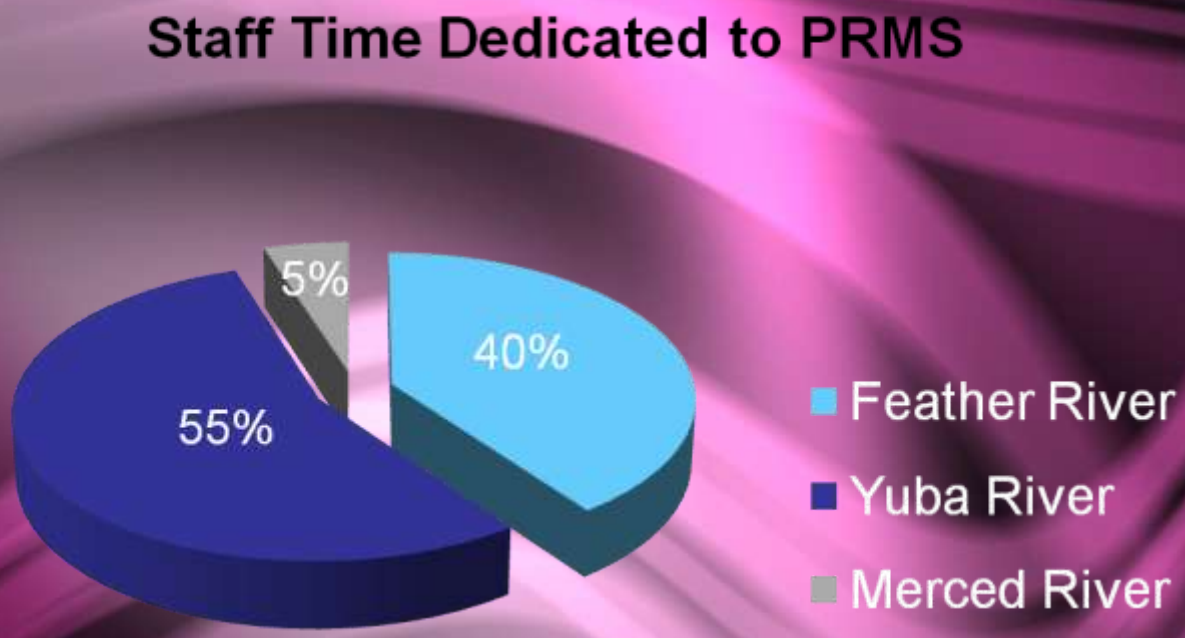
PRMS (not PRISM)

Precipitation Runoff Modeling System

PRMS Uses

1. **Seasonal Forecasting (April-July Runoff) – useful for water supply and reservoir operations**
2. **Snow Melt Forecast (20-day outlook) – useful for reservoir operations and spring flood management**
3. **Flood Forecasting (5-day outlook) – useful for precipitation driven flood management**

PRMS Efforts Are Currently Split Three Ways



PRMS Team

D. Rizzardo Lead

Feather Re-Calibration and Analysis

- John King (Snow Surveys)
- Hyun-Min Shin (Forecasting Section
- Yonas Tesfare (GEI)

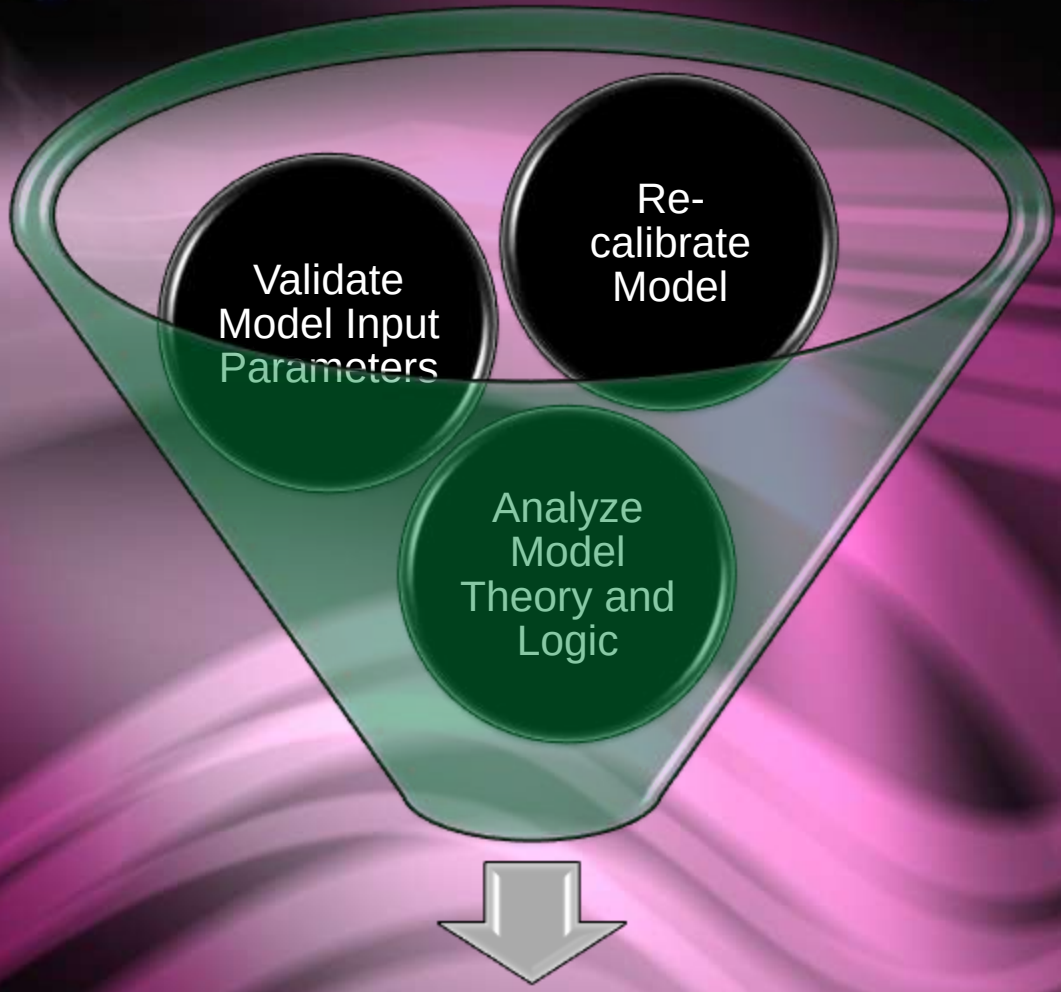
Yuba Model Development

- Rick Louie (Res. Ops.)
- Steve Nemeth (Snow Surveys)
- Brian Wallace (CDEC)
- Kate Koczot (USGS)

Merced Scoping and Coordination with F-CO Team

- Dave Rizzardo (Snow Surveys)
- Mark Fortner (GEI)
- Kate Koczot (USGS)

Feather River



Functional Feather PRMS Model by November 1

Feather River

Forecast Points

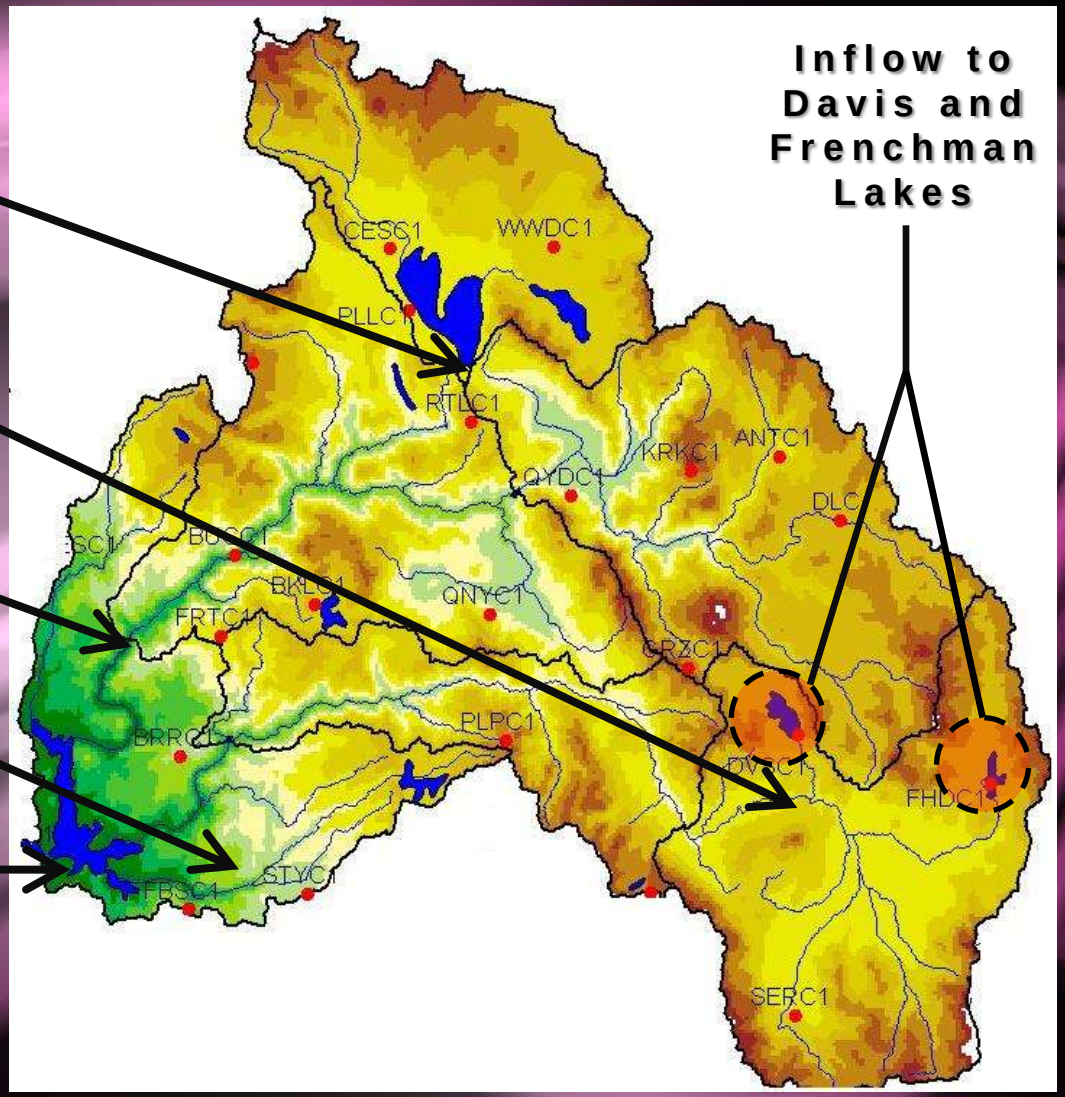
Feather River at Lake Alamanor near Pratville

Middle Fork near Clio

North Fork at Pulga

South Fork at Ponderosa Dam

Feather River at Oroville



Yuba River

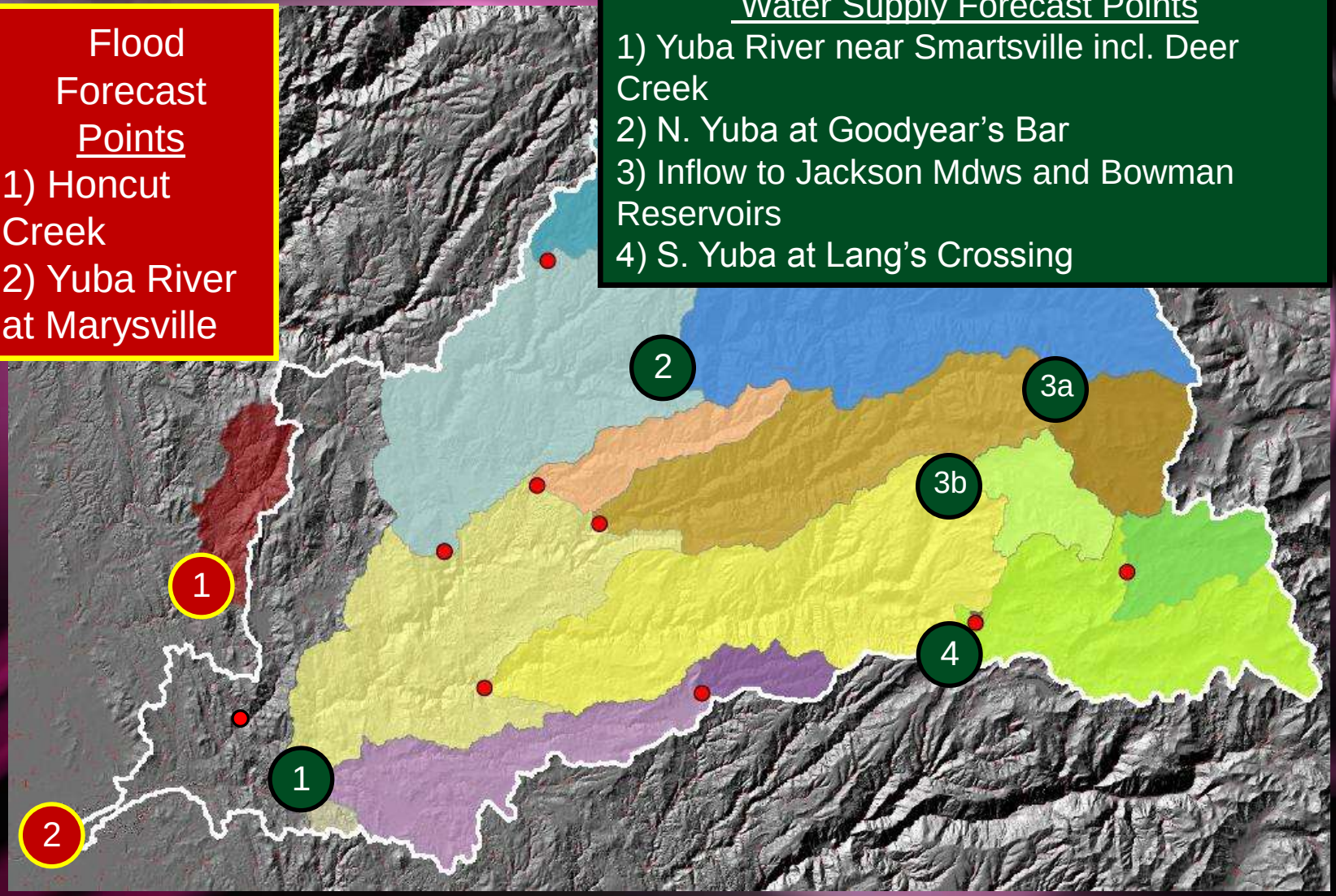
Including Honcut and Dry Creeks

Yuba River

Possible Forecast Points

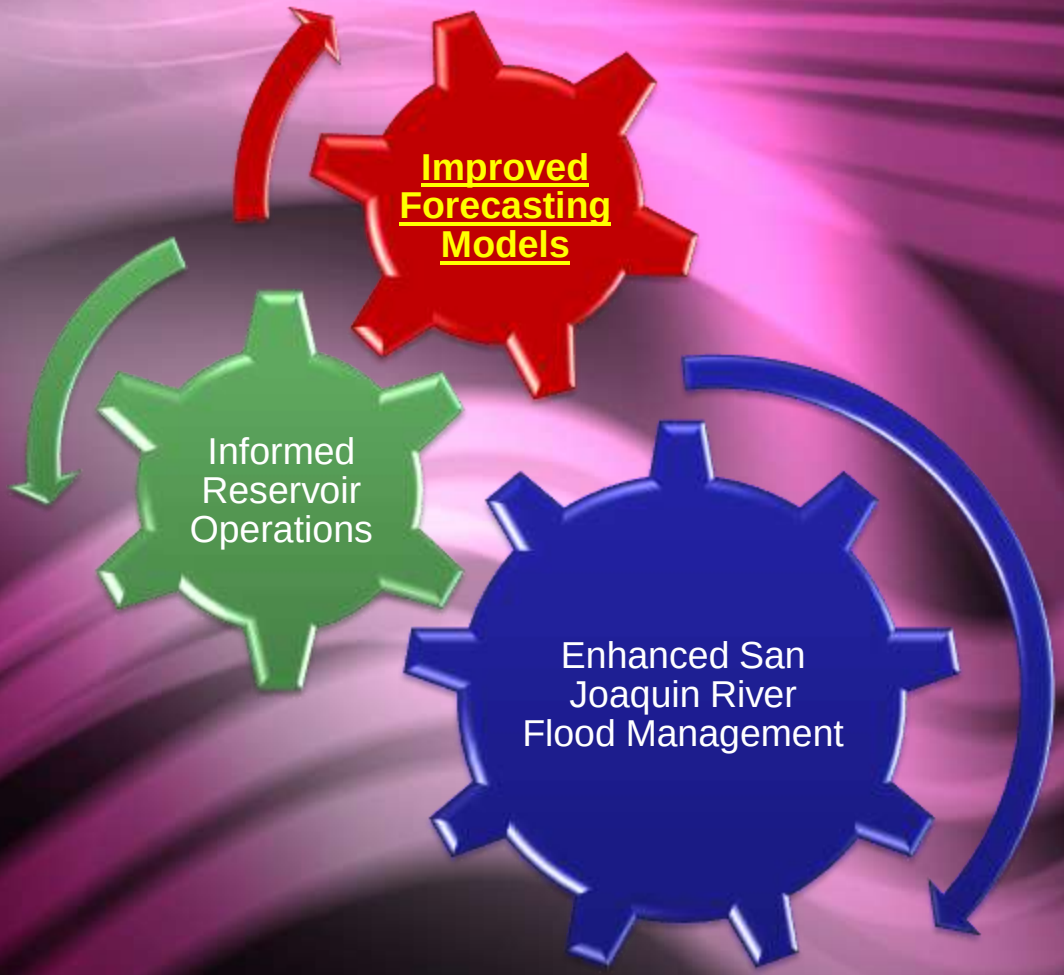
Flood Forecast Points
1) Honcut Creek
2) Yuba River at Marysville

Water Supply Forecast Points
1) Yuba River near Smartsville incl. Deer Creek
2) N. Yuba at Goodyear's Bar
3) Inflow to Jackson Mdws and Bowman Reservoirs
4) S. Yuba at Lang's Crossing



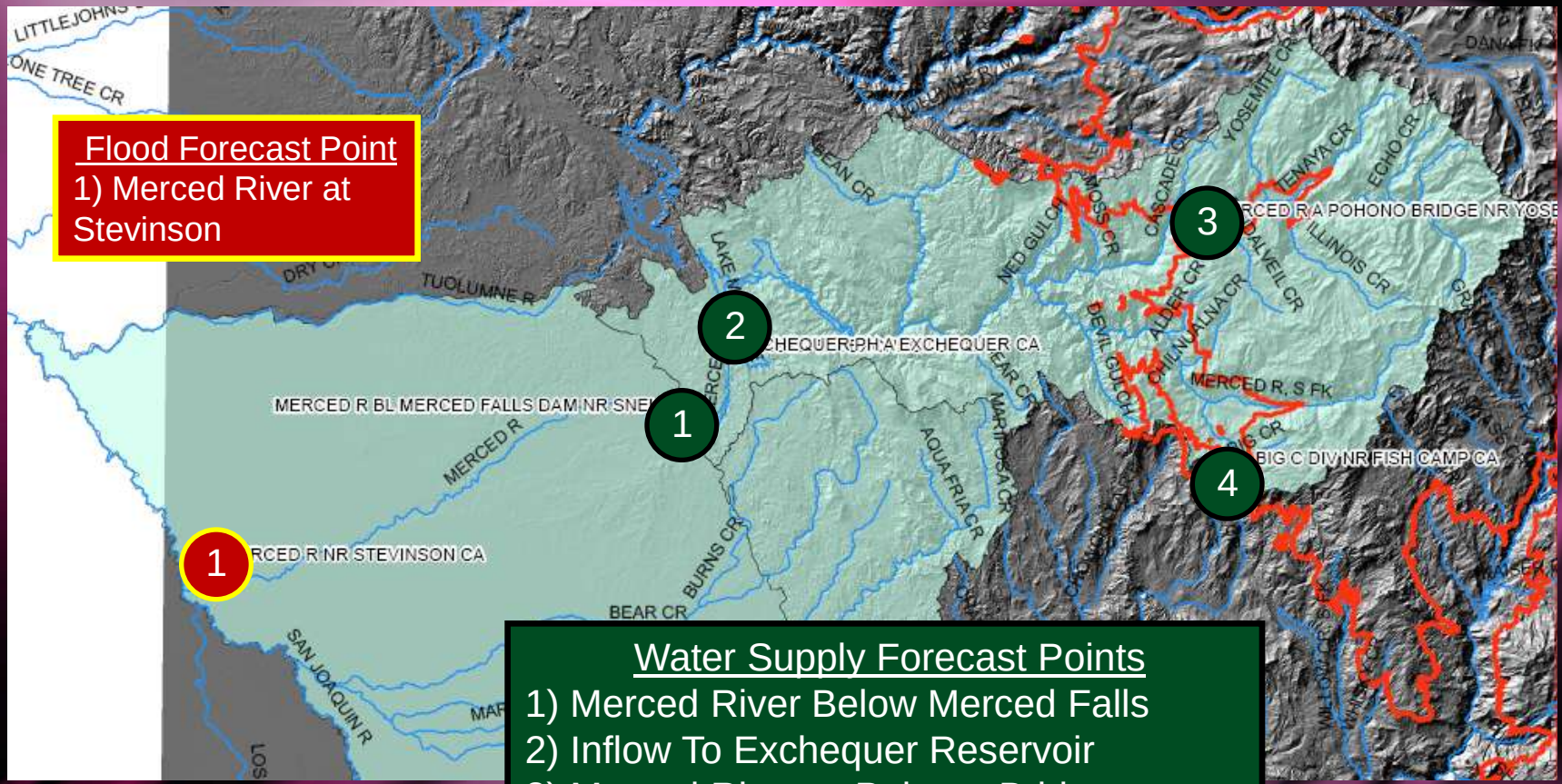
Merced River

PRMS Model as Part of San Joaquin F-CO



Merced River

PRMS Model Scope



PRMS: Coming to a Watershed Near You!

2010	• Yuba • Merced
2011	• Merced • Kings
2012	• Kings • San Joaquin
2013	• San Joaquin • Tuolumne
2014	• Tuolumne • Stanislaus
2015	• Stanislaus • American
2016	• American • Shasta
2017	• Shasta